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What is claimed is:

1. A camera having an output section for outputting image data representative of a taken image to an external apparatus, comprising:

5 a communicator for communicating with said external apparatus; and

an image processor for generating image data to be outputted to said external apparatus based on a characteristic of said external apparatus, said image processor obtaining information on
10 said characteristic based on a communication result.

2. A camera as claimed in claim 1, wherein said characteristic is resolution.

15 3. A camera as claimed in claim 2, wherein said image processor decides the number of pixels of the generated image data in accordance with the resolution.

20 4. A camera as claimed in claim 1, wherein said external apparatus is a printer.

5. A camera as claimed in claim 4, wherein said characteristic is the number of dots per inch of the printer.

25 6. A camera as claimed in claim 5, wherein said image processor decides the number of pixels of the generated image data in accordance with the number of dots per inch of the printer.

7. A camera as claimed in claim 1, wherein said external apparatus is a display apparatus.

8. A camera as claimed in claim 1, wherein said external apparatus is a personal computer.

9. A camera being operable in a first mode in which photographing of a subject is performed and data of a taken image are stored, in a second mode in which an image of the stored data is displayed, and in a third mode in which the stored data are outputted to a printer through a detachably attached connection device and an image of the data is printed, comprising:

a manual operation member;

a selector for switching between the first mode and the second mode by an operation of said manual operation member;

a connector for attaching said connection device; and

a detector for detecting whether said connection device is attached to said connector or not,

wherein when it is detected that said connection device is attached, said selector selects the third mode irrespective of condition of said manual operation member.

10. A camera as claimed in claim 9, wherein said connection device is a connection cable.

11. A camera which stores data of a taken image and outputs the stored image data to an external apparatus through a detachably attached connection device, comprising:

a connector for attaching said connection device;

a detector for detecting whether said connection device is attached to said connector or not; and

a controller for permitting the image data to be outputted through said connector when it is detected that said connection device is attached, and inhibiting the image data from being outputted through said connector when it is detected that said connector is not attached.

12. A camera as claimed in claim 11, wherein said external apparatus is a personal computer.

13. A camera as claimed in claim 11, wherein said external apparatus is a printer.

14. A camera as claimed in claim 11, wherein said external apparatus is a storage apparatus.

15. A camera as claimed in claim 11, wherein said connection device is a connection cable.

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